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	Filing Date		2006-07-24	
	First Named Inventor	Maruoka		
	Art Unit	4644 1624		
	Examiner Name	Coleman		
Attorney Docket Number		NANP133US		

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duplicate	9	COI, et al., Molecular Design of a C2-Symmetric Chiral Phase-Transfer Catalyst for Practical Asymmetric Synthesis of α -Amino Acids, J. Am. Chem. Soc., Vol. 121, No. 27, pp. 6519-6520, 1999, Japan	<input type="checkbox"/>
/B.C./	10	ABBOTT, et al., Electrochemical Recognition of Charged Species Using Quaternary Ammonium Binaphthyl Salts, A. P., Analyst, Vol. 126, No. 11, pp. 1892-1896, <u>2001</u> UK	<input type="checkbox"/>
duplicate	11	STARA, et al., Nucleophilic Cleavage of 4,5-Dihydro-3H-dinaphtho[2,1-c:1'2'-e]azepinium Quaternary Salts. A Convenient Approach to New Axially Dissymmetric and Axially Asymmetric Ligands, J. Org. Chem., Vol. 57, No. 25, pp. 6966-6969, <u>1992</u> , Czechoslovakia	<input type="checkbox"/>
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/B.C./	13	STARA, et al., 4,5-Dihydro-4-alkyl-3H-dinaphtho[2,1-c:1'2'-e]thiepinium Salts. A Convenient Approach to New 2,2'-Bidentate 1,1'-Binaphthalene Ligands with Sulfur Donor Atoms, J. Org. Chem., Vol. 59, No. 6, pp.1326-1332, <u>1994</u>	<input type="checkbox"/>
/B.C./	14	STARA, et al., Optically Pure (S)- AND (R)-4,5-Dihydro-3H-4-Methyldinaphth[2,1-c: 1',2'-e]Azepines. Application to the Synthesis of New Bidentate Ligands with Axial Asymmetry, Tetrahedron: Asymmetry, Vol. 3, No. 11, PP. 1365-1368, <u>1992</u> , Great Britain	<input type="checkbox"/>
/B.C./	15	COTTINEAU, et al., Reductive Cleavage of Axially Dissymmetric Tertiary Amines and Quaternary Ammonium Salts by Lithium Aluminum Hydride. Synthesis of New 1,1'-Binaphthyl Substituted Amines, Tetrahedron Letters, Vol. 26, No. 4, pp. 421-424, <u>1985</u> , Great Britain	<input type="checkbox"/>
duplicate	16	DI BARI, et al., Conformational Study of 2,2'-Homosubstituted 1,1'-Binaphthyls by Means of UV and CD Spectroscopy, J. Am. Chem. Soc., Vol. 121, No. 35, pp. 7998-8004, 1999, Italy	<input type="checkbox"/>
duplicate	17	SHI, et al., Synthesis of Axially Dissymmetric Chiral Ammonium Salts by Quaternization of Secondary Amines with (R)-(+)-2,2'-Bis(bromomethyl)-6,6'-dinitrophenyl and (R)-(+)-2,2'-Bis(bromomethyl)-1,1'-binaphthyl and an Examination of Their Abilities as Chiral Phase-transfer Catalysts, Journal of Chemical Research, Synopses, No. 2, pp. 46-47, 1995, Japan	<input type="checkbox"/>
/B.C./	18	MASON, et al., Optical Activity in the Biaryl Series, Tetrahedron, Vol. 30, No. 12, PP. 1671-1682, <u>1974</u> , Great Britain	<input type="checkbox"/>
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duplicate	20	KUNAKA, et al., A Scalable Synthesis of (R)-3,5-Dihydro-4H-dinaphth[2,1-c:1'2']azepine, Organic Process Research & Development, Vol. 7, No. 5, pp. 644-648, 2003, Japan	<input type="checkbox"/>
/B.C./	21	KITAMURA, et al., Powerful Chiral Phase-Transfer Catalysts for the Asymmetric Synthesis of α -Alkyl- and α , α -Dialkyl- α -amino Acids, Angew. Chem. Int. Ed., Vol. 44, pp. 1549-1551, 2005	<input type="checkbox"/>
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Examiner Signature	/Brenda Coleman/	Date Considered	10/13/2009
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Art Unit	1014 1624
Examiner Name	Coleman
Attorney Docket Number	NANP133US

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/Greg Turocy/	Date (YYYY-MM-DD)	2006-10-04
Name/Print	Gregory Turocy	Registration Number	36952

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